

JUL 16 2004

OFFICE 8621

FIG. 1 (PRIOR ART)

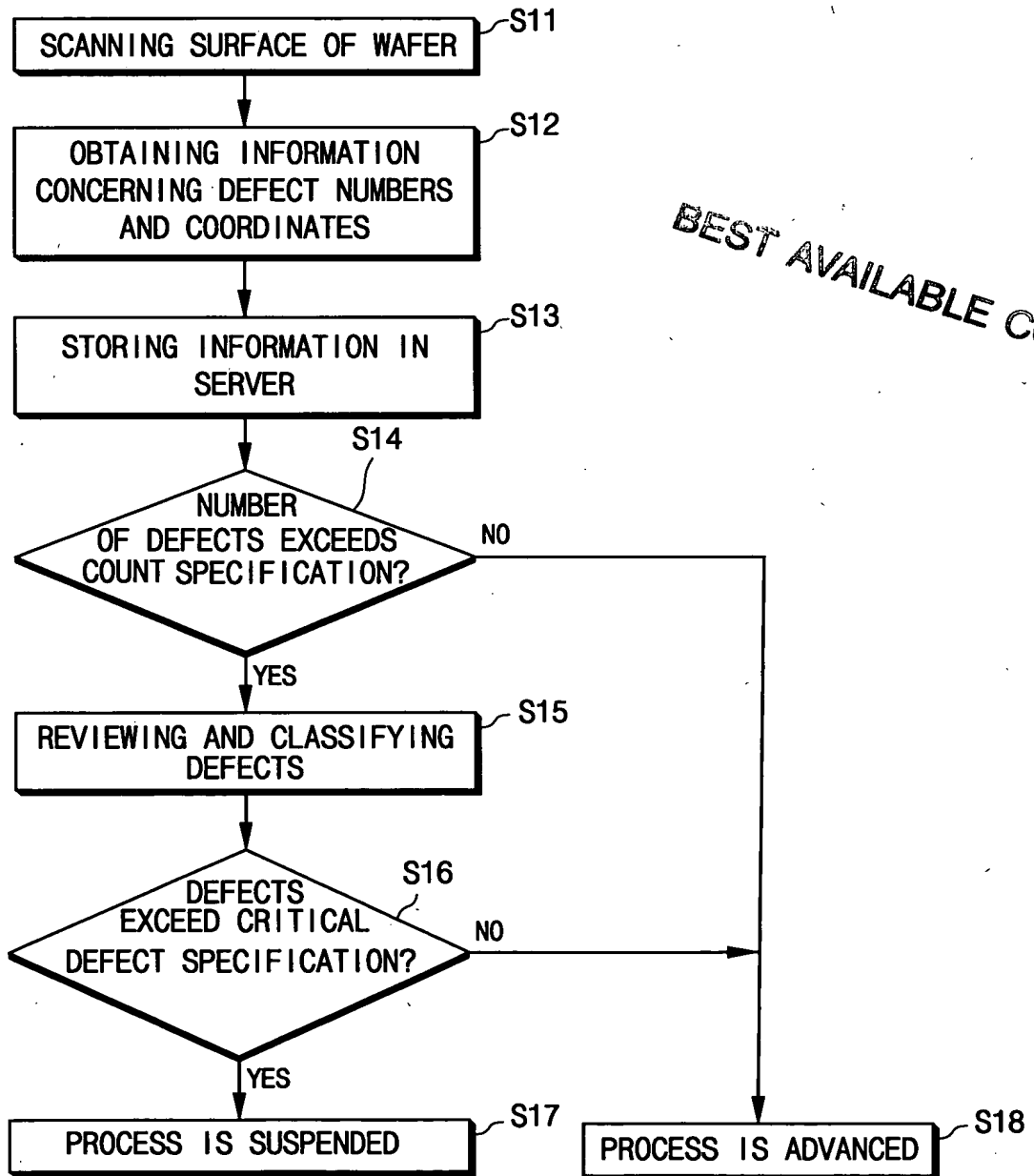


FIG. 5D

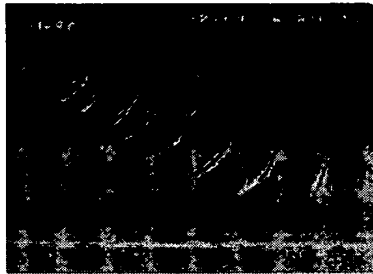


FIG. 5E

BEST AVAILABLE COPY

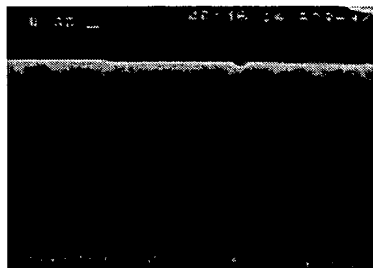
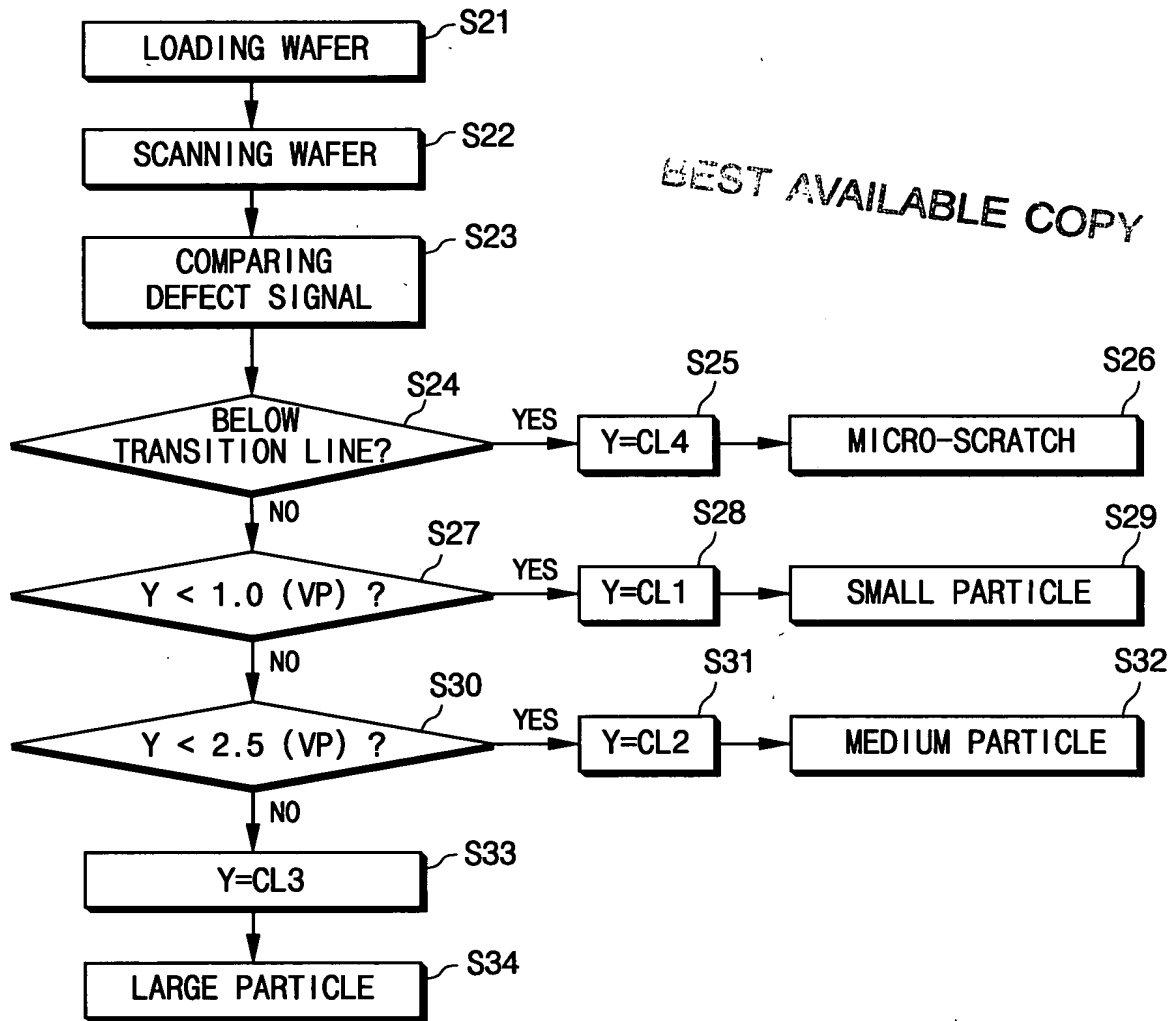


FIG. 6



Y = PMT VOLTAGE VALUE DETECTED FROM C LIGHT

X = PMT VOLTAGE VALUE DETECTED FROM P LIGHT

VP = PMT VOLTAGE (P LIGHT)

TRANSITION LINE ($a=-0.0856/$ $b=1.2981/$ $c=0.0096$)

FIG. 14

